

### **EXAMINER 'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Frank DeRosa on 08-24-2010.

The application has been amended as follows:

Claim 1. (Currently Amended) A method for providing quality-of-service to VoIP over a wireless local access network comprising:

receiving an invite message from a calling party by a SIP proxy server via an access point;  
determining whether voice slots are available on the access point;  
forwarding the invite message from the SIP proxy server to a called party, and  
if the called party sends an acknowledgement message to the calling party in response to receiving the invite message, adding the calling party to a polling list of the access point, and sending packets to and receiving packets from the called party during a contention-free period of the determined available voice slots of the access point.

Claim 3. (Currently Amended) The method of claim 1, wherein the invite message comprises a SIP INVITE message.

Claim 5. (Currently Amended) The method of claim 1, wherein the acknowledgement message comprises a SIP ACK message.

Claim 12. (Currently Amended) The method of claim 1, further comprising adding the

Art Unit: 2465

called party to a polling list of a new access point.

Claim 21. (Currently Amended) The method of claim 1, further comprising if the called party sends an acknowledgement message to a calling party in response to receiving the invite message, moving at least one of the calling party and the called party to a new access point in a same IP subnet, and adding the at least one of the calling party and the called party to a polling list of the new access point.

Claim 22. (Currently Amended) The method of claim 1, further comprising if the called party sends an acknowledgement message to a calling party in response to receiving the invite message, moving at least one of the calling party and the called party to a new access point in a different IP subnet, adding the at least one of the calling party and the called party to a polling list of the new access point, and sending a re-invite message to at least one of the calling party and the called party.

Claim 29. (Currently Amended) A machine-readable storage device having instructions stored thereon for execution by a processor to perform a method for providing quality-of-service to VoIP over a wireless local access network, the method comprising:

- receiving an invite message from a calling party by a SIP proxy server via an access point;

- determining whether voice slots are available on the access point;

- forwarding the invite message from the SIP proxy server to a called party, and

- if the called party sends an acknowledgement message to the calling party in response to receiving the invite message, enabling the calling party to be added to a polling list of the access point for sending packets to and receiving packets from the called party during a contention-free period of the determined available slots of the access point.

Claim 30. (Currently Amended) The machine-readable storage device of claim 29, wherein the method further comprises if the voice slots are not available on the access point, sending a termination message from the SIP proxy server to the called party.

Claim 31. (Currently Amended) A system for providing quality-of-service to VoIP over a wireless local access network, comprising;

means for receiving an invite message from a calling party by a SIP proxy server via an access point;

means for determining whether voice slots are available on the access point;

means for forwarding the invite message from the SIP proxy server to a called party,

and

if the called party sends an acknowledgement message to the calling party in response to receiving the invite message, means for adding the calling party to a polling list of the access point, and means for sending packets to and receiving packets from the called party during a contention-free period of the determined available slots of the access point.

### ***Reason for Allowance***

2. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claims 1-35, the prior art fails to teach or suggest a method for providing quality-of-service to VoIP over a wireless local access network comprising the steps of: receiving an invite message from a calling party by a SIP proxy server via an access point; determining whether voice slots are available on the access point; and adding the calling party to a polling list of the access point, and sending packets to and receiving packets from the called party during a contention-free period of the determined available voice slots of the access point, in combination with other limitations, as specified in the independent claims 1, 29 and 31.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Duc Ho whose telephone number is (571) 272-3147. The examiner can normally be reached on Monday through Thursday from 7:30 am to 6:00 pm.

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel, can be reached on (571) 272-2988.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Patent Examiner

/DUC C HO/

Primary Examiner, Art Unit 2465

09-02-2010